

A B S T R A C T

5 The nozzle comprises a moving diverging portion (20) and
a static portion (16) secured to the rear end wall of the
combustion chamber (12) of the engine. A cardan mount jointed
link device connects the moving diverging portion of the
nozzle to the static portion, the moving diverging portion and
the static portion being in mutual contact via respective
10 spherical surfaces (24a, 16a), and an actuator device (50a,
50b) acts on the moving diverging portion of the nozzle so as
to be able to vary the direction of the thrust vector of the
engine by modifying the orientation of the nozzle with sliding
of the spherical surfaces one on the other. Resilient return
15 means (62, 64) are interposed between the moving diverging
portion (20) of the nozzle and the static portion (16) and act
on the moving diverging portion in order to urge it towards
the static portion so as to keep the spherical surfaces (24a,
16a) in mutual contact for any desired orientation of the
20 nozzle.